

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in this application:

Listing of Claims:

Claims 1-13 (Cancelled).

Claim 14 (Currently amended): A double-metal cyanide catalyst having the formula $M^1_x([M^2_x(CN)_y]_z[M^3]) \cdot L^1 \cdot L^2 \cdot M^4_z$, wherein

M^1 represents at least one metal;

$[M^2_x(CN)_y]$ represents at least one metal cyanide;

M^3 represents at least one transition metal salt;

M^4 represents at least one alkali metal salt, present in an amount within the range of from about 0.4 to about 6 wt .%, based on the total weight of the double metal cyanide catalyst;

L^1 represents at least one organic complexing ligand;

L^2 is optional and can represent at least one functionalized polymer; and

x, x', y and z are integers chosen such that electroneutrality of the double-metal cyanide catalyst is maintained.

Claim 15 (Previously presented): The double metal cyanide catalyst according to Claim 14, wherein at least one metal is zinc.

Claim 16 (Currently amended): The double metal cyanide catalyst according to Claim 14, wherein at least one metal cyanide is ~~potassium~~ hexacyanocobaltate (III).

Claim 17 (Previously presented): The double metal cyanide catalyst according to Claim 14, wherein at least one organic complexing ligand is tert-butyl alcohol.

Claim 18 (Previously presented): The double metal cyanide catalyst according to Claim 14, wherein at least one alkali metal salt is potassium chloride, sodium chloride, sodium bromide, lithium chloride or lithium bromide.

Claim 19 (Previously presented): The double metal cyanide catalyst according to Claim 14, wherein at least one functionalized polymer is present in an amount in the range of from about 2 to about 98 wt. %, based on the total weight of the double-metal cyanide catalyst.

Claim 20 (Previously presented): The double metal cyanide catalyst according to Claim 14, wherein at least one functionalized polymer is a polyether; polyester; polycarbonate; polyalkylene glycol sorbitan ester; polyalkylene glycol glycidyl ether; polyacrylamide; poly(acrylamide-co-acrylic acid), polyacrylic acid, poly(acrylic acid-co-maleic acid), poly(N-vinylpyrrolidone-co-acrylic acid), poly(acrylic acid-co-styrene) or their salts; maleic acid, styrene or maleic anhydride copolymers or their salts; polyacrylonitriles; polyalkyl acrylate; polyalkyl methacrylate; polyvinyl methyl ether; polyvinyl ethyl ether; polyvinyl acetate; polyvinyl alcohol; poly-N-vinylpyrrolidone; polyvinyl methyl ketone; poly(4-vinylphenol); oxazoline polymer; polyalkyleneimine; hydroxyethylcellulose; polyacetal; glycidyl ether; glycoside; carboxylic acid ester of polyhydric alcohol; bile acid or its salt, ester or amide; cyclodextrin; phosphorus compound; unsaturated carboxylic acid ester; or an ionic surface- or interface-active compound.

Claim 21-25 (Cancelled).